



U.S. Department of Commerce  
BUREAU OF THE CENSUS

# Titanium Mill Products, Ingot, and Castings

FOURTH QUARTER 1986

ITA991(86)-4  
Issued March 1987

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of titanium mill products, ingot, and castings. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears in the first quarter report for this series ITA991(86)-1, issued July 1986.

Table 1. NET SHIPMENTS AND INVENTORIES OF TITANIUM MILL PRODUCTS

(Thousands of pounds)

Product description	Fourth quarter 1986		Third quarter 1986	
	Net shipments	Inventories	Net shipments	Inventories
Net shipments <sup>1</sup> .....	9,871	1,058	<sup>r</sup> 10,391	1,214
Sheet and strip.....	(2)	(2)	(2)	(2)
Plate.....				
Forging and extrusion billet.....	4,930	278	<sup>r</sup> 5,196	390
Rod and bar.....	1,564	567	1,319	591
Fastener stock and wire.....				
Extrusion.....				
Pipe and tubing.....	3,376	213	3,876	233
Powder.....				
Other.....				

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Net shipments is the sum of mill product shipments plus mill products consumed in the manufacture of fabricated products, less total receipts.

<sup>2</sup>Data for sheet and strip, plate, extrusion (other than tubing), pipe and tubing, and other have been combined to avoid disclosing individual company data.

Table 2. TITANIUM INGOT, MILL PRODUCTS, AND CASTINGS: 1986 AND 1985

(Thousands of pounds)

Quarter end year	Ingot					Mill products			Castings	
	Pro- duction	Receipts	Ship- ments	Con- sumption	Ending inventories	Pro- duction	Receipts	Net ship- ments <sup>1</sup>	Pro- duction	Ship- ments
1986 <sup>2</sup>										
Total.....	70,186	15,286	18,033	67,603	(X)	49,219	10,635	41,683	2,220	849
Fourth quarter.....	16,685	3,287	4,075	15,910	8,200	11,968	2,452	<sup>r</sup> 9,871	<sup>r</sup> 610	205
Third quarter.....	16,342	3,458	4,140	16,550	8,229	12,410	2,528	<sup>r</sup> 10,391	<sup>r</sup> 489	194
Second quarter.....	18,097	3,872	4,203	17,090	9,171	12,485	2,804	<sup>r</sup> 10,291	549	207
First quarter.....	19,062	4,669	5,615	18,053	8,491	12,356	2,851	11,130	572	243
1985 <sup>2</sup>										
Total.....	70,773	16,396	14,793	73,151	(X)	49,777	8,052	<sup>r</sup> 46,235	2,201	833
Fourth quarter.....	15,101	3,674	3,306	15,976	8,525	12,337	2,410	<sup>r</sup> 10,752	587	238
Third quarter.....	16,368	3,427	2,690	16,966	8,618	10,382	1,857	<sup>r</sup> 11,524	585	214
Second quarter.....	18,107	4,524	4,026	18,706	8,644	13,668	1,711	12,119	480	187
First quarter.....	21,197	4,771	4,771	21,503	8,790	13,390	2,074	11,840	549	194

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>See footnote 1, table 1.

<sup>2</sup>Inventories for the year are those shown for the fourth quarter.

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Table 3. QUANTITY OF NET SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF TITANIUM MILL PRODUCTS: 1986

(Thousands of pounds)

Quarter and year	Manufac- turers' net shipments	Exports of domestic merchandise <sup>1 2</sup>	Percent exports to manufac- turers' net shipments	Imports for consumption <sup>1 3</sup>	Apparent consump- tion <sup>4</sup>	Percent imports to apparent consumption
FOURTH QUARTER 1986						
Total.....	13,946	1,479	11	536	13,002	4
Titanium ingot and forging and extrusion billet <sup>5</sup> .....	9,006	904	11	37	8,138	0.5
Titanium mill products.....	4,940	575	12	499	4,864	10
THIRD QUARTER 1986						
Total.....	<sup>r</sup> 14,531	1,846	13	563	<sup>r</sup> 13,248	5
Titanium ingot and forging and extrusion billet <sup>5</sup> .....	<sup>r</sup> 9,337	1,267	14	32	<sup>r</sup> 8,102	0.4
Titanium mill products.....	5,194	579	11	531	5,146	10

<sup>r</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> For comparison of Standard Industrial Classification (SIC) codes, Schedule B export numbers, and TSUSA import numbers, see table 4 in the first quarter 1986 report, ITA991(86)-1, issued June 1986.

<sup>2</sup> Source: Bureau of the Census report EM 546, U.S. Exports.

<sup>3</sup> Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

<sup>4</sup> Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

<sup>5</sup> Comparability of output, export, and import classifications for ingot and billet assume that bloom, sheet bar, and slab are reported as ingot or billet in the output numbers. Figures for imports of ingot and billet also include powder, crystal, and similar forms which are excluded from the output and export numbers.

